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Crop Production

COMPLETED 30

Agricultural Statistics Board
National Agricultural Statistics Service

United States Department of Agriculture
Washington, D.C. 20250

RELEASED: November 10, 1986
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ORIGINAL

HIGHLIGHTS

CORN FOR GRAIN production is forecast at 8.22 billion bushels (209 million metric tons), down 7 percent from last year's record high crop but virtually the same as October 1. The 90 percent confidence interval for this production forecast is 7.85 to 8.59 billion bushels.

SORGHUM GRAIN production is forecast at 900 million bushels (22.9 million metric tons). This is 19 percent less than the 1985 crop but 1 percent more than the October 1 forecast.

SOYBEAN production is forecast at 2.01 billion bushels (54.7 million metric tons), up 1 percent from October 1 but 4 percent below last year. The 90 percent confidence interval for this production forecast is 1.91 to 2.11 billion bushels.

CURRENT

ALL COTTON production is forecast at 9.87 million bales, a decline of 1 percent from October 1 and 26 percent below the 1985 crop. The 90 percent confidence interval for this production forecast is 9.2 to 10.5 million bales.

PEANUT production is expected to total 3.45 billion pounds (1.56 million metric tons), 16 percent below 1985 production but up 2 percent from the October 1 forecast.

ALL TOBACCO production is forecast at 1.19 billion pounds (540 thousand metric tons), off 2 percent from the October 1 forecast and the smallest crop since 1936.

FALL POTATO production is forecast at 308 million cwt (14.0 million metric tons), down 13 percent from last year and 2 percent below 2 years ago.

DRY BEAN production is forecast at 22.7 million cwt (1.03 million metric tons), up 2 percent from last year and 8 percent above 1984.

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G.M.

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INDEX NUMBERS OF CROP PRODUCTION
UNITED STATES, 1976-86 (1977=100)

YEAR	PRODUCTION							
	ALL 1/	FEED GRAINS	HAY AND FORAGE	FOOD GRAINS	SUGAR CROPS	COTTON	TOBACCO	OIL CROPS
1976	92	96	94	107	112	74	112	74
1977	100	100	100	100	100	100	100	100
1978	102	108	106	93	101	76	106	105
1979	113	116	108	108	94	102	80	129
1980	101	97	98	121	97	79	93	99
1981	117	121	106	144	107	109	108	114
1982	117	122	109	138	96	85	104	121
1983	88	67	100	117	93	55	75	91
1984	111	116	107	129	95	91	90	106
1985	116	133	106	121	97	93	79	117
1986	108	122	111	106	105	69	62	110

1/ INCLUDES SOME MISCELLANEOUS CROP PRODUCTION NOT INCLUDED IN SEPARATE GROUPS OF CROPS SHOWN.

The CROP PRODUCTION report contains State and National estimates with related information on selected agricultural commodities. These data were prepared and adopted by the Agricultural Statistics Board which consists of commodity statisticians from the field offices and Washington headquarters.

A P P R O V E D:

Robert A. L. Thompson

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RELIABILITY OF NOVEMBER 1 PRODUCTION FORECASTS

Crop production forecasts in this report are based primarily on yield surveys taken about November 1. The yield surveys include mailed reports from farmers for all crops and actual field observations and measurements for corn, soybeans, and cotton. Farmers provided appraisals of crop conditions and probable yield information for crops on their farms and for their localities. Objective yield surveys provided small plot observations, counts, and measurements in a probability sample. These surveys are subject to sampling and non-sampling errors that are common to all surveys. More importantly, the production forecasts are subject to change due to future weather effects and other factors that cannot be measured currently but directly affect final production.

To assist users in evaluating the reliability of production forecasts in this report, the "Root Mean Square Error," a statistical measure based on past performance, is shown below for selected crops. This is computed by expressing the deviations between the November 1 production forecasts and the final estimates as a percent of the final estimates and averaging the squared percentage deviations for the 1966-85 twenty-year period; the square root of this average becomes statistically the "Root Mean Square Error." Probability statements can be made concerning expected differences in the current forecasts relative to the final end of season estimates, assuming that factors affecting this year's forecast are not different from those influencing recent years.

For example, the "Root Mean Square Error" for the November 1 corn for grain production forecast is 2.6 percent. This means that chances are 2 out of 3 that the current production forecast of 8,223 million bushels will not be above or below the final estimate by more than 2.6 percent or approximately 214 million bushels. Chances are 9 out of 10 (90 percent confidence level) that the difference will not exceed 4.5 percent or approximately 370 million bushels.

Also shown in the table is a 10-year record for selected crops of the differences between the November 1 forecast and the final estimate. Using corn again as an example, changes between the November 1 forecast and the final estimate during the past 10 years have averaged 173 million bushels, ranging from 21 million to 378 million bushels. The November 1 forecast has been below the final estimate 9 times and above 1 time. This does not imply that the November 1 corn forecast this year is likely to understate or overstate final production. For most crops, the number of years the forecasts have been below or above the final estimates is about equally distributed.

RELIABILITY OF NOVEMBER 1 CROP PRODUCTION FORECASTS

CROP AND UNIT	ROOT MEAN SQUARE ERROR			10-YEAR RECORD OF DIFFERENCES BETWEEN FORECAST AND FINAL ESTIMATE				
	PERCENT	90% CONFIDENCE LEVEL		QUANTITY			NO. OF YEARS	
		PERCENT	QUANT	AVG	SMALL	LARGE	BELOW FINAL	ABOVE FINAL
			MIL	MIL	MIL	MIL		
FEED GRAINS 1/ MT	1.8	3.1	8	5	0	10	9	1
CORN FOR GRAIN BU	2.6	4.5	370	173	21	378	9	1
SORGHUM FOR GRAIN BU	4.0	6.9	62	18	0	53	7	3
RICE CWT	2.5	4.3	6	3	0	8	6	4
SOYBEANS FOR BEANS BU	2.9	5.1	102	59	23	109	6	4
COTTON BALE 2/	3.9	6.8	670	267	15	689	6	4

1/ CORN FOR GRAIN, SORGHUM FOR GRAIN, OATS, AND BARLEY.
2/ QUANTITY IS IN THOUSANDS OF BALES.

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UNITED STATES CROP SUMMARY - AREA PLANTED AND HARVESTED (DOMESTIC UNITS)

CROP	AREA PLANTED		AREA HARVESTED 1/	
	1985	1986	1985	INDICATED 1986
	1,000 ACRES			
CORN	83,348	76,646	75,134	68,951
SORGHUM	18,285	14,973	16,672	13,494
RICE	2,522.0	2,348.0	2,502.0	2,333.0
SOYBEANS	63,130	61,835	61,584	59,513
PEANUTS	1,490.4	1,505.0	1,467.4	1,521.0
ALL COTTON	10,684.6	9,590.6	10,229.0	8,680.4
UPLAND	10,600.6	9,489.6	10,145.4	8,573.9
AMER-PIMA	84.0	101.0	83.6	106.5
DRY EDIBLE BEANS	1,575.9	1,701.0	1,486.4	1,470.5
POTATOES				
FALL	1,186.3	1,055.9	1,147.0	1,027.5
TOTAL	1,409.1	1,247.4	1,361.1	1,216.0
TOBACCO			688.0	602.3
SUGARBEETS	1,124.5	1,238.0	1,102.5	1,188.4
SUGARCANE FOR SUGAR AND SEED			770.0	801.4

1/ HARVESTED FOR PRINCIPAL USE OF EACH CROP, I.E., GRAIN, BEANS, NUTS, ETC.

UNITED STATES CROP SUMMARY - AREA PLANTED AND HARVESTED (DOMESTIC UNITS)

CROP	AREA PLANTED		AREA HARVESTED	
	1985	1986 1/	1985	INDICATED 1986 1/
	1,000 ACRES			
OATS	13,255	14,708	8,177	6,987
BARLEY	13,156	13,033	11,603	11,985
ALL WHEAT	75,575	71,834	64,734	60,483
WINTER	57,752	53,930	47,953	43,115
DURUM	3,207	2,869	3,094	2,805
OTHER SPRING	14,616	15,035	13,687	14,563
RYE	2,563	2,364	717	660
FLAXSEED	620	695	584	669
SUNFLOWER	3,055	1,895	2,844	1,844
ALL HAY			60,553	60,902
ALFALFA			25,673	26,185
ALL OTHER			34,880	34,717
DRY EDIBLE PEAS 2/		188.0		187.0
AUSTRIAN WINTER PEAS 2/		32.0		31.5
LENTILS 2/		170.0		167.0
POTATOES				
WINTER	13.2	12.5	13.2	12.3
SPRING	92.0	76.7	87.0	75.6
SUMMER	117.6	102.3	113.9	100.6
SWEETPOTATOES	110.2	98.3	105.3	95.1
HOPS			28.1	25.0

1/ ESTIMATES CARRIED FORWARD FROM EARLIER FORECAST.
2/ ESTIMATES REINSTATED IN 1986.

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UNITED STATES CROP SUMMARY - YIELD PER ACRE AND PRODUCTION
(DOMESTIC UNITS)

CROP AND UNIT		YIELD PER ACRE 1985	YIELD PER ACRE INDICATED 1986	PRODUCTION 1985	PRODUCTION INDICATED OCT 1, 1986	PRODUCTION INDICATED NOV 1, 1986
					1,000	
CORN FOR GRAIN	BU	118.0	119.3	8,865,006	8,220,201	8,222,576
SORGHUM FOR GRAIN	"	66.7	66.7	1,112,571	887,469	900,039
RICE	CWT 1/	5,437	5,626	136,042	129,537	131,266
SOYBEANS FOR BEANS	BU	34.1	33.8	2,098,531	1,991,763	2,009,333
PEANUTS FOR NUTS	LB	2,810	2,267	4,122,787	3,368,950	3,447,550
ALL COTTON	BALE 1/	630	546	13,432.2	10,005.9	9,874.9
UPLAND	" 1/	628	542	13,277.1	9,812.4	9,687.4
AMER-PIMA	" 1/	891	845	155.1	193.5	187.5
COTTONSEED	TON			5,279	3,953	3,897
DRY EDIBLE BEANS	CWT 1/	1,498	1,543	22,268	22,321	22,685
POTATOES						
FALL	CWT	308	299	353,638		307,548
TOTAL	"	299	290	407,109		352,274
TOBACCO	LB	2,196	1,977	1,511,220	1,215,181	1,190,421
SUGARBEETS	TON	20.5	20.8	22,636	25,034	24,768
SUGARCANE FOR SUGAR AND SEED	"	36.6	37.8	28,213	30,255	30,255
PASTURE AND RANGE FEED 2/	PCT	79	85			
DRIED PRUNES (CALIF)	TON			139.0	95.0	95.0
FILBERTS	"			24.6	17.3	15.6
CITRUS FRUITS 3/				1985-86	1986-87	1986-87
LEMONS	BOX			18,350	24,700	24,700

1/ YIELD IN POUNDS. 2/ PASTURE AND RANGE FEED CONDITION AS OF FIRST OF MONTH. THE 1975-84 AVERAGE IS 74 PERCENT. 3/ SEASON BEGINS WITH THE BLOOM OF THE FIRST YEAR SHOWN AND ENDS WITH THE COMPLETION OF HARVEST THE FOLLOWING YEAR.

UNITED STATES CROP SUMMARY - YIELD PER ACRE AND PRODUCTION
(DOMESTIC UNITS)

CROP AND UNIT		YIELD PER ACRE 1985	YIELD PER ACRE INDICATED 1986 1/	PRODUCTION 1985	PRODUCTION INDICATED 1986 1/
				1,000	
OATS	BU	63.7	54.9	520,800	383,553
BARLEY	"	51.0	50.0	591,383	599,843
ALL WHEAT	"	37.5	34.3	2,425,105	2,076,674
WINTER	"	38.1	35.2	1,827,615	1,517,742
DURUM	"	36.4	33.1	112,510	92,957
OTHER SPRING	"	35.4	32.0	484,980	465,975
RYE	"	28.8	27.1	20,637	17,892
SUNFLOWER	LB	1,109	1,298	3,153,020	2,393,300
ALL HAY	TON	2.46	2.59	148,959	158,009
ALFALFA	"	3.32	3.61	85,291	94,601
ALL OTHER	"	1.83	1.83	63,668	63,408
DRY EDIBLE PEAS 2/	CWT 3/		1,769		3,308
AUSTRIAN WINTER PEAS 2/	" 3/		1,429		450
LENTILS 2/	" 3/		1,203		2,009
POTATOES					
WINTER	CWT	204	243	2,691	2,991
SPRING	"	264	261	22,986	19,763
SUMMER	"	244	218	27,794	21,972
HOPS	LB	1,759	1,967	49,713	49,187
APPLES, COM'L	"			7,949,000	7,738,000
PEACHES	"			2,148,300	2,277,400
PEARS	TON			746.9	710.5
GRAPES	"			5,604.7	4,907.5
SWEET CHERRIES	"			132.5	139.6
TART CHERRIES	LB			286,200	229,100
APRICOTS	TON			131.5	69.1
NECTARINES (CALIF)	"			211.0	195.0
PLUMS (CALIF)	"			166.5	130.0
OLIVES (CALIF)	"			96.0	100.0
PRUNES AND PLUMS (EXCL CALIF)	"			50.7	46.5
PISTACHIO NUTS (CALIF)	LB			27,100	70,000
PECANS	LB			244,400	216,100
ALMONDS (CALIF)	"			465,000	265,000
WALNUTS (CALIF)	TON			219.0	190.0
CITRUS FRUITS 4/				1985-86	1986-87
ORANGES	BOX			176,410	201,050

1/ ESTIMATES CARRIED FORWARD FROM EARLIER FORECAST EXCEPT CHERRIES END-OF-SEASON ESTIMATES. 2/ ESTIMATES REINSTATED IN 1986. 3/ YIELD IN POUNDS. 4/ SEASON BEGINS WITH THE BLOOM OF THE FIRST YEAR SHOWN AND ENDS WITH THE COMPLETION OF HARVEST THE FOLLOWING YEAR.

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UNITED STATES CROP SUMMARY-AREA PLANTED AND HARVESTED
(METRIC UNITS)

CROP	AREA PLANTED		AREA HARVESTED 1/	
	1985	1986	1985	INDICATED 1986
	HECTARES			
CORN	33,730,100	31,017,870	30,405,980	27,903,780
SORGHUM	7,399,760	6,059,420	6,746,990	5,460,890
RICE	1,020,630	950,210	1,012,530	944,140
SOYBEANS	25,548,080	25,024,010	24,922,430	24,084,320
PEANUTS	603,150	609,060	593,840	615,530
ALL COTTON	4,323,950	3,881,220	4,139,570	3,512,870
UPLAND	4,289,960	3,840,350	4,105,740	3,469,770
AMER-PIMA	33,990	40,870	33,830	43,100
DRY EDIBLE BEANS	637,750	688,380	601,530	595,100
POTATOES				
FALL	480,080	427,310	464,180	415,820
TOTAL	570,250	504,810	550,820	492,100
TOBACCO			278,430	243,740
SUGARBEETS	455,070	501,010	446,170	480,930
SUGARCANE FOR SUGAR AND SEED			311,610	324,320

1/ HARVESTED FOR PRINCIPAL USE OF EACH CROP, I.E., GRAIN, BEANS, NUTS, ETC.

UNITED STATES CROP SUMMARY-AREA PLANTED AND HARVESTED
(METRIC UNITS)

CROP	AREA PLANTED		AREA HARVESTED	
	1985	1986 1/	1985	INDICATED 1986 1/
	HECTARES			
OATS	5,364,170	5,952,180	3,309,150	2,827,570
BARLEY	5,324,100	5,274,320	4,695,620	4,850,210
ALL WHEAT	30,584,450	29,070,500	26,197,200	24,476,870
WINTER	23,371,660	21,824,930	19,406,100	17,448,210
DURUM	1,297,840	1,161,060	1,252,110	1,135,160
OTHER SPRING	5,914,950	6,084,510	5,538,990	5,893,500
RYE	1,037,220	956,690	290,160	267,100
FLAXSEED	250,910	281,260	236,340	270,740
SUNFLOWER	1,236,330	766,890	1,150,940	746,250
ALL HAY			24,505,200	24,646,430
ALFALFA			10,389,610	10,596,810
ALL OTHER			14,115,590	14,049,620
DRY EDIBLE PEAS 2/		76,080		75,680
AUSTRIAN WINTER PEAS 2/		12,950		12,750
LENTILS 2/		68,800		67,580
POTATOES				
WINTER	5,340	5,060	5,340	4,980
SPRING	37,230	31,040	35,210	30,590
SUMMER	47,590	41,400	46,090	40,710
SWEETPOTATOES	44,600	39,780	42,610	38,490
HOPS			11,370	10,120

1/ ESTIMATES CARRIED FORWARD FROM EARLIER FORECAST.
2/ ESTIMATES REINSTATED IN 1986.

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UNITED STATES CROP SUMMARY-YIELD PER HECTARE AND PRODUCTION
(METRIC UNITS)

CROP	YIELD PER HECTARE		PRODUCTION		
		INDICATED		INDICATED	
	1985	1986	1985	OCT 1, 1986	NOV 1, 1986
	METRIC TONS				
CORN FOR GRAIN	7.41	7.49	225,181,520	208,802,720	208,863,050
SORGHUM FOR GRAIN	4.19	4.19	28,260,610	22,542,750	22,862,040
RICE	6.09	6.31	6,170,760	5,875,700	5,954,130
SOYBEANS FOR BEANS	2.29	2.27	57,112,650	54,206,910	54,685,080
PEANUTS FOR NUTS	3.15	2.54	1,870,050	1,528,120	1,563,770
ALL COTTON	0.71	0.61	2,924,500	2,178,520	2,149,990
UPLAND	0.70	0.61	2,890,730	2,136,390	2,109,170
AMER-PIMA	1.00	0.95	33,770	42,130	40,820
COTTONSEED			4,789,030	3,586,100	3,535,300
DRY EDIBLE BEANS	1.68	1.73	1,010,050	1,012,460	1,028,970
POTATOES					
FALL	34.56	33.55	16,040,670		13,950,070
TOTAL	33.52	32.47	18,466,060		15,978,800
TOBACCO	2.46	2.22	685,470	551,190	539,960
SUGARBEETS	46.03	46.72	20,535,030	22,710,460	22,469,150
SUGARCANE FOR SUGAR AND SEED	82.14	84.63	25,594,400	27,446,870	27,446,870
DRIED PRUNES (CALIF)			126,100	86,180	86,180
FILBERTS			22,320	15,690	14,150
CITRUS FRUITS 1/			1985-86	1986-87	1986-87
LEMONS			632,310	851,850	851,850

1/ SEASON BEGINS WITH THE BLOOM OF THE FIRST YEAR SHOWN AND ENDS WITH THE COMPLETION OF HARVEST THE FOLLOWING YEAR.

UNITED STATES CROP SUMMARY-YIELD PER HECTARE AND PRODUCTION
(METRIC UNITS)

CROP	YIELD PER HECTARE		PRODUCTION	
	1985	INDICATED 1986 1/	1985	INDICATED 1986 1/
	METRIC TONS			
OATS	2.28	1.97	7,559,390	5,567,260
BARLEY	2.74	2.69	12,875,840	13,060,040
ALL WHEAT	2.52	2.31	66,000,540	56,517,800
WINTER	2.56	2.37	49,739,530	41,306,170
DURUM	2.45	2.23	3,062,020	2,529,870
OTHER SPRING	2.38	2.15	13,198,990	12,681,760
RYE	1.81	1.70	524,200	454,480
SUNFLOWER	1.24	1.45	1,430,180	1,085,580
ALL HAY	5.51	5.82	135,133,330	143,343,350
ALFALFA	7.45	8.10	77,374,690	85,820,530
ALL OTHER	4.09	4.09	57,758,640	57,522,770
DRY EDIBLE PEAS 2/		1.98		150,050
AUSTRIAN WINTER PEAS 2/		1.60		20,410
LENTILS 2/		1.35		91,130
POTATOES				
WINTER	22.86	27.24	122,060	135,670
SPRING	24.61	29.30	1,042,620	896,430
SUMMER	27.35	24.48	1,260,710	996,530
HOPS	1.98	2.20	22,550	22,310
APPLES, COM'L			3,605,550	3,509,880
PEACHES			974,450	1,033,010
PEARS			677,580	644,550
GRAPES			5,084,500	4,452,010
SWEET CHERRIES			120,200	126,640
TART CHERRIES			125,820	103,920
APRICOTS			119,290	62,690
NECTARINES (CALIF)			191,420	176,900
PLUMS (CALIF)			151,050	117,930
OLIVES (CALIF)			87,090	90,720
PRUNES AND PLUMS (EXCL CALIF)			45,990	42,180
PISTACHIO NUTS (CALIF)			12,290	31,750
PECANS			110,860	98,020
ALMONDS (CALIF)			210,920	120,200
WALNUTS (CALIF)			198,670	172,370
CITRUS FRUITS 3/			1985-86	1986-87
ORANGES			6,814,770	7,721,050

1/ ESTIMATES CARRIED FORWARD FROM EARLIER FORECAST EXCEPT CHERRIES END-OF-SEASON ESTIMATES. 2/ ESTIMATES REINSTATED IN 1986. 3/ SEASON BEGINS WITH THE BLOOM OF THE FIRST YEAR SHOWN AND ENDS WITH THE COMPLETION OF HARVEST THE FOLLOWING YEAR.

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CORN FOR GRAIN

STATE	AREA HARVESTED		YIELD		PRODUCTION		
	1985	IND 1986	1985	IND 1986	1984	1985	IND 1986
	1,000 ACRES		BUSHELS		1,000 BUSHELS		
ALA	325	300	75.0	55.0	25,025	24,375	16,500
ARIZ 1/	21	17	105.0	115.0	3,250	2,205	1,955
ARK 1/	73	85	108.0	112.0	4,655	7,884	9,520
CALIF	320	270	145.0	148.0	51,000	46,400	39,960
COLO	745	675	139.0	140.0	91,120	103,555	94,500
CONN 2/							
DEL	175	170	109.0	68.0	16,950	19,075	11,560
FLA 1/	190	180	65.0	60.0	13,650	12,350	10,800
GA	975	730	84.0	60.0	80,770	81,900	43,800
IDAHO 1/	80	55	125.0	130.0	8,850	10,000	7,150
ILL	11,370	10,300	135.0	138.0	1,247,160	1,534,950	1,421,400
IND	6,150	5,850	123.0	124.0	705,510	756,450	725,400
IOWA	13,550	12,000	126.0	135.0	1,444,800	1,707,300	1,620,000
KANS	1,080	1,250	130.0	135.0	119,375	140,400	168,750
KY	1,560	1,570	102.0	88.0	146,000	159,120	138,160
LA 1/	205	430	114.0	120.0	9,430	23,370	51,600
MAINE 2/							
MD	640	610	110.0	68.0	69,620	70,400	41,480
MASS 2/							
MICH	2,730	2,400	105.0	102.0	220,080	286,650	244,800
MINN	6,300	5,700	115.0	120.0	689,080	724,500	684,000
MISS 1/	115	170	68.0	78.0	4,900	7,820	13,260
MO	2,480	2,380	110.0	115.0	154,400	272,800	273,700
MONT 1/	11	10	95.0	105.0	1,380	1,045	1,050
NEBR	7,450	6,850	128.0	130.0	806,200	953,600	890,500
N H 2/							
N J 1/	114	105	110.0	95.0	11,663	12,540	9,975
N MEX 1/	65	50	155.0	155.0	9,450	10,075	7,750
N Y	720	640	95.0	98.0	60,970	68,400	62,720
N C	1,625	1,360	79.0	67.0	145,800	128,375	91,120
N DAK	560	600	72.0	85.0	41,580	40,320	51,000
OHIO	4,030	3,700	127.0	128.0	460,200	511,810	473,600
OKLA 1/	58	50	105.0	110.0	5,250	6,148	5,500
OREG 1/	40	35	165.0	175.0	6,678	6,600	6,125
PA	1,380	1,340	110.0	104.0	148,500	151,800	139,360
R I 2/							
S C	520	480	88.0	43.0	34,866	45,760	20,640
S DAK	3,000	2,700	84.0	86.0	186,260	252,000	232,200
TENN	810	770	98.0	76.0	65,550	79,380	58,520
TEX	1,490	1,250	105.0	110.0	144,150	156,450	137,500
UTAH 1/	16	16	115.0	115.0	1,888	1,840	1,840
VT 2/							
VA	550	510	99.0	50.0	56,160	54,450	25,500
WASH 1/	135	120	160.0	150.0	23,250	21,600	18,000
W VA 1/	73	75	105.0	95.0	8,100	7,665	7,125
WIS	3,350	3,100	107.0	116.0	344,500	358,450	359,600
WYO 1/	53	48	98.0	97.0	6,000	5,194	4,656
U S	75,134	68,951	118.0	119.3	7,674,020	8,865,006	8,222,576

1/ ESTIMATES FOR CURRENT YEAR CARRIED FORWARD FROM EARLIER FORECAST.
2/ ALL ACREAGE HARVESTED IS FOR SILAGE.

BEST COPY AVAILABLE.

SORGHUM FOR GRAIN

STATE	AREA HARVESTED		YIELD		PRODUCTION		
	1985	IND 1986	1985	IND 1986	1984	1985	IND 1986
	1,000 ACRES		BUSHELS		1,000 BUSHELS		
ALA 1/	230	90	55.0	45.0	9,000	12,650	4,050
ARIZ 1/	16	10	81.0	87.0	1,360	1,296	870
ARK	920	595	72.0	60.0	42,480	66,240	35,700
CALIF 1/	36	26	83.0	85.0	3,936	2,988	2,210
COLO	320	280	35.0	39.0	15,910	11,200	10,920
GA 1/	138	65	48.0	30.0	4,746	6,624	1,950
ILL	470	200	77.0	95.0	19,665	36,190	19,000
IND 2/					845		
IOWA 2/					660		
KANS	4,200	4,000	69.0	73.0	216,750	289,800	292,000
KY 1/	143	65	80.0	75.0	9,200	11,440	4,875
LA	410	360	68.0	69.0	17,485	27,880	24,840
MISS	620	240	64.0	60.0	23,680	39,680	14,400
MO	1,410	1,090	83.0	81.0	91,770	117,030	88,290
NEBR	1,920	1,500	80.0	85.0	121,600	153,600	127,500
N MEX	290	220	48.0	46.0	15,400	13,920	10,120
N C 1/	62	50	52.0	28.0	3,025	3,224	1,400
OKLA	500	450	45.0	45.0	18,000	22,500	20,250
S C 1/	47	38	47.0	28.0	1,564	2,209	1,064
S DAK	375	350	40.0	46.0	18,565	15,000	16,100
TENN	465	165	80.0	60.0	20,800	37,200	9,900
TEX	4,100	3,700	59.0	58.0	209,350	241,900	214,600
VA 2/					450		
U S	16,672	13,494	66.7	66.7	866,241	1,112,571	900,039

1/ ESTIMATES FOR CURRENT YEAR CARRIED FORWARD FROM EARLIER FORECAST.
2/ ESTIMATES DISCONTINUED AFTER 1984 CROP.

RICE

STATE	AREA HARVESTED		YIELD		PRODUCTION		
	1985	IND 1986	1985	IND 1986	1984	1985	IND 1986
	1,000 ACRES		POUNDS		1,000 CWT		
ARK	1,050.0	1,040.0	5,200	5,300	52,900	54,600	55,120
CALIF	400.0	340.0	7,400	7,700	32,060	29,594	26,180
LA	463.0	418.0	4,370	4,550	21,932	20,256	19,019
MISS	188.0	178.0	5,350	5,400	8,265	10,058	9,612
MO 1/	72.0	68.0	4,810	4,600	3,493	3,463	3,128
TEX	329.0	289.0	5,490	6,300	20,160	18,071	18,207
U S	2,502.0	2,333.0	5,437	5,626	138,810	136,042	131,266

1/ ESTIMATES FOR CURRENT YEAR CARRIED FORWARD FROM EARLIER FORECAST.

RICE PRODUCTION BY CLASSES, UNITED STATES

YEAR	LONG GRAIN	MEDIUM GRAIN	SHORT GRAIN	ALL
	1,000 CWT			
1984	96,029	35,304	7,477	138,810
1985	100,938	28,680	6,424	136,042
1986 1/	96,353	30,460	4,453	131,266

1/ INDICATED NOVEMBER 1, 1986, RICE CLASS FORECASTS ARE BASED ON A FIVE YEAR AVERAGE OF CLASS PERCENTAGES. THE CLASS PERCENTAGES ARE ADJUSTED AS DATA BECOME AVAILABLE THROUGH THE GROWING SEASON.

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DRY EDIBLE BEANS 1/

CROP AND STATE	AREA HARVESTED 1985	AREA HARVESTED IND 1986	YIELD 1985	YIELD IND 1986	PRODUCTION 1984	PRODUCTION 1985	PRODUCTION IND 1986
	1,000 ACRES		POUNDS		1,000 CWT		
LARGE LIMA							
CALIF	43.0	17.0	2,120	2,200	648	912	374
BABY LIMA							
CALIF	26.0	30.0	2,460	2,400	546	640	720
OTHER							
CALIF	104.0	108.0	1,840	1,860	2,024	1,914	2,009
ALL							
CALIF	173.0	155.0	2,003	2,002	3,218	3,466	3,103
COLO	220.0	220.0	1,340	1,300	2,394	2,948	2,860
IDAHO	118.0	133.0	1,700	1,850	2,470	2,006	2,461
KANS 2/	16.0	20.0	1,700	1,650	204	272	330
MICH	410.0	300.0	1,320	900	4,290	5,412	2,700
MINN	62.0	61.0	1,400	1,650	700	868	1,007
MONT 2/	3.0	2.7	1,900	1,900	152	57	51
NEBR	146.0	205.0	1,850	2,050	3,230	2,701	4,203
N Y	33.0	30.0	900	1,250	372	297	375
N DAK	237.0	275.0	1,270	1,550	2,520	3,010	4,263
UTAH 2/	8.4	8.8	480	550	54	40	48
WASH	33.0	28.0	2,150	2,300	707	710	644
WYO	27.0	32.0	1,780	2,000	759	481	640
U S	1,486.4	1,470.5	1,498	1,543	21,070	22,268	22,685

1/ EXCLUDES BEANS GROWN FOR GARDEN SEED.
2/ ESTIMATES FOR CURRENT YEAR CARRIED FORWARD FROM EARLIER FORECAST.

SOYBEANS FOR BEANS

STATE	AREA HARVESTED 1985	AREA HARVESTED IND 1986	YIELD 1985	YIELD IND 1986	PRODUCTION 1984	PRODUCTION 1985	PRODUCTION IND 1986
	1,000 ACRES		BUSHELS		1,000 BUSHELS		
ALA	1,030	630	27.0	22.0	28,770	27,810	13,860
ARK	3,700	3,400	26.5	20.0	101,400	98,050	68,000
DEL 1/	240	230	30.0	27.0	6,000	7,200	6,210
FLA 1/	230	170	26.0	23.0	7,800	5,980	3,910
GA	1,550	850	24.0	16.0	40,000	37,200	13,600
ILL	9,000	8,950	42.5	42.0	284,130	382,500	375,900
IND	4,460	4,250	41.5	38.0	150,075	185,090	161,500
IOWA	8,150	8,600	38.0	42.0	264,600	309,700	361,200
KANS	1,410	1,760	31.0	32.0	27,825	43,710	56,320
KY	1,230	1,070	34.0	30.0	42,340	41,820	32,100
LA	2,100	1,900	21.0	21.0	66,825	44,100	39,900
MD	400	380	32.0	26.0	12,325	12,800	9,880
MICH	1,080	950	32.0	30.0	32,130	34,560	28,500
MINN	5,000	4,850	32.0	36.0	172,920	160,000	174,600
MISS	2,620	2,500	27.0	18.0	76,800	70,740	45,000
MO	5,230	5,400	34.5	34.0	108,650	180,435	183,600
NEBR	2,360	2,450	36.0	39.0	66,300	84,960	95,550
N J 1/	129	118	34.0	26.0	4,123	4,386	3,068
N C	1,700	1,600	23.0	23.0	46,540	39,100	36,800
N DAK 1/	490	490	26.0	29.0	17,020	12,740	14,210
OHIO	3,870	3,650	41.5	42.0	137,605	160,605	153,300
OKLA 1/	190	230	23.0	21.0	4,180	4,370	4,830
PA 1/	170	180	35.0	30.0	5,950	5,950	5,400
S C	1,230	900	20.0	16.0	29,800	24,600	14,400
S DAK	1,270	1,340	32.0	30.0	31,280	40,640	40,200
TENN	1,460	1,500	31.0	25.0	48,100	45,260	37,500
TEX	290	210	25.0	23.0	11,890	7,250	4,830
VA	695	635	25.0	23.0	21,535	17,375	14,605
WIS 1/	300	320	32.0	33.0	13,950	9,600	10,560
U S	61,584	59,513	34.1	33.8	1,860,863	2,098,531	2,009,333

1/ ESTIMATES FOR CURRENT YEAR CARRIED FORWARD FROM EARLIER FORECAST.

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PEANUTS FOR NUTS

STATE	AREA HARVESTED 1985	AREA HARVESTED IND 1986	YIELD 1985	YIELD IND 1986	PRODUCTION 1/ 1984	PRODUCTION 1/ 1985	PRODUCTION 1/ IND 1986
	1,000 ACRES		POUNDS			1,000 POUNDS	
ALA	200.0	218.0	2,950	2,000	648,550	590,000	436,000
FLA	72.0	83.0	3,000	2,700	246,400	216,000	224,100
GA	593.0	650.0	3,240	2,150	2,160,000	1,921,320	1,397,500
N MEX 2/	12.4	12.0	2,580	2,500	32,190	31,992	30,000
N C	154.0	143.0	2,935	3,050	449,500	451,990	436,150
OKLA	83.0	95.0	2,060	2,200	189,000	170,980	209,000
S C	12.0	12.0	2,850	2,000	39,150	34,200	24,000
TEX	245.0	220.0	1,725	1,900	371,295	422,625	418,000
VA	96.0	88.0	2,955	3,100	269,660	283,680	272,800
U S	1,467.4	1,521.0	2,810	2,267	4,405,745	4,122,787	3,447,550

1/ ESTIMATES COMPRISED OF QUOTA AND NON-QUOTA PEANUTS.
2/ ESTIMATES FOR CURRENT YEAR CARRIED FROM EARLIER FORECAST.

AREA PLANTED, POTATOES

SEASONAL GROUP AND STATE	1985	1986
	1,000 ACRES	
WINTER 1/		
CALIF	5.4	5.1
FLA	7.8	7.4
TOTAL	13.2	12.5
SPRING 1/		
ALA	5.4	4.9
ARIZ	5.8	6.1
CALIF	30.5	19.5
FLA-HASTINGS	26.5	25.0
-OTHER	1.4	1.0
LA	.7	.6
N C	15.0	13.2
TEX	6.7	6.4
TOTAL	92.0	76.7
SUMMER 1/		
ALA	8.0	7.5
CALIF	7.5	6.6
COLO	7.6	7.4
DEL	6.5	7.0
ILL	3.2	3.0
IND	2.1	2/
IOWA	1.6	1.7
MD	1.6	1.7
MICH	14.0	13.0
MINN	6.7	6.3
NEBR	2.6	2.3
N J	9.0	8.2
N MEX	10.5	9.6
N C	2.5	2.0
OHIO	1.2	2/
TENN	2.5	2.0
TEX	13.5	10.0
VA	17.0	14.0
TOTAL	117.6	102.3

SEASONAL GROUP AND STATE	1985	1986
	1,000 ACRES	
FALL		
CALIF	21.7	18.0
COLO	56.5	52.5
CONN	1.4	1.0
IDAHO-10 SW CO	30.0	17.0
-OTHER CO	325.0	293.0
IND 3/	2.8	4.9
MAINE	100.0	85.0
MASS	3.3	2.9
MICH	46.0	42.0
MINN	78.5	72.0
MONT	7.9	7.8
NEBR	8.5	7.1
NEV	9.0	8.0
N Y-LONG IS	13.0	9.0
-UPSTATE	26.0	24.0
N DAK	145.0	128.0
OHIO 3/	9.5	10.2
OREG-MALHEUR	11.0	7.0
-OTHER CO	51.0	45.0
PA	22.5	22.0
R I	2.5	1.6
S DAK	14.0	13.0
UTAH	6.6	6.6
VT	.2	.1
WASH	127.0	117.0
WIS	65.0	59.0
WYO	2.4	2.2
TOTAL	1,186.3	1,055.9
U S	1,409.1	1,247.4

1/ ESTIMATES FOR CURRENT YEAR CARRIED FORWARD FROM EARLIER FORECAST.
2/ COMBINED WITH "FALL".
3/ INCLUDES AREAS PREVIOUSLY CLASSIFIED AS "SUMMER".

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POTATOES

SEASONAL GROUP AND STATE	AREA HARVESTED		YIELD		PRODUCTION		
	1985	IND 1986	1985	IND 1986	1984	1985	IND 1986
	1,000 ACRES		CWT		1,000 CWT		
WINTER 1/							
CALIF	5.4	5.1	260	290	1,456	1,404	1,479
FLA	7.8	7.2	165	210	1,184	1,287	1,512
TOTAL	13.2	12.3	204	243	2,640	2,691	2,991
SPRING 1/							
ALA	5.3	4.7	160	145	644	848	682
ARIZ	5.8	6.1	250	300	1,647	1,450	1,830
CALIF	27.5	19.5	385	380	11,115	10,588	7,410
FLA-HASTINGS	26.0	24.5	245	270	6,500	6,370	6,615
-OTHER	1.3	.9	210	190	240	273	171
LA	.6	.6	70	65	60	42	39
N C	14.0	13.1	165	145	2,352	2,310	1,900
TEX	6.5	6.2	170	180	1,240	1,105	1,116
TOTAL	87.0	75.6	264	261	23,798	22,986	19,763
SUMMER 1/							
ALA	7.8	7.3	180	135	955	1,404	986
CALIF	7.2	6.6	375	360	2,916	2,700	2,376
COLO	7.4	7.2	300	290	1,988	2,220	2,088
DEL	6.5	6.9	280	190	1,265	1,820	1,311
ILL	3.0	2.9	285	250	636	855	725
IND	1.9	2/	140	2/	216	266	2/
IOWA	1.6	1.7	206	190	210	330	323
MD	1.6	1.6	200	170	296	320	272
MICH	13.8	12.8	220	225	2,560	3,036	2,880
MINN	6.5	6.2	275	265	1,680	1,788	1,643
NEBR	2.5	2.2	280	260	572	700	572
N J	8.8	8.1	280	240	1,828	2,464	1,944
N MEX	10.4	9.4	275	310	2,639	2,860	2,914
N C	2.3	1.9	115	90	348	265	171
OHIO	1.1	2/	310	2/	342	341	2/
TENN	2.5	2.0	150	90	270	375	180
TEX	12.5	9.9	220	250	2,825	2,750	2,475
VA	16.5	13.9	200	80	1,540	3,300	1,112
TOTAL	113.9	100.6	244	218	23,086	27,794	21,972
FALL							
CALIF	21.5	18.0	390	380	7,280	8,385	6,840
COLO	56.0	52.0	320	325	17,225	17,920	16,900
CONN	1.4	1.0	250	225	315	350	225
IDAHO-10 SW CO	29.0	17.0	375	350	9,380	10,875	5,950
-OTHER CO	316.0	290.0	290	280	77,220	91,640	81,200
IND 3/	2.6	4.5	240	250	750	624	1,125
MAINE	99.0	84.0	285	250	21,360	28,215	21,000
MASS	3.3	2.9	250	245	580	825	711
MICH	44.0	33.0	275	280	12,540	12,100	9,240
MINN	69.0	70.0	205	195	13,775	14,145	13,650
MONT	7.0	7.7	270	290	1,924	1,890	2,233
NEBR	7.8	6.9	270	260	2,480	2,106	1,794
NEV	9.0	8.0	345	355	3,300	3,105	2,840
N Y-LONG IS	12.9	8.9	300	290	3,577	3,870	2,581
-UPSTATE	25.5	23.0	250	245	6,630	6,375	5,635
N DAK	139.0	122.0	170	180	20,615	23,630	21,960
OHIO 3/	9.3	9.7	265	245	2,418	2,465	2,377
OREG-MALHEUR CO	10.2	6.8	370	350	3,960	3,774	2,380
-OTHER CO	50.8	44.2	455	460	19,565	23,114	20,332
PA	22.0	21.5	260	240	5,160	5,720	5,160
R I	2.5	1.6	280	260	598	700	416
S DAK	12.0	12.0	175	175	1,820	2,100	2,100
UTAH	6.5	6.6	255	265	1,728	1,658	1,749
VT	.2	.1	235	240	63	47	24
WASH	126.0	116.0	505	500	56,925	63,630	58,000
WIS	63.5	58.0	380	355	21,350	24,130	20,590
WYO	1.0	2.1	245	255	550	245	536
TOTAL	1,147.0	1,027.5	308	299	313,088	353,638	307,548
U S	1,361.1	1,216.0	299	290	362,612	407,109	352,274

1/ ESTIMATES FOR CURRENT YEAR CARRIED FORWARD FROM EARLIER FORECAST.
2/ COMBINED WITH "FALL".
3/ INCLUDES AREAS PREVIOUSLY CLASSIFIED AS "SUMMER".

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COTTON

CROP AND STATE	AREA HARVESTED 1985	AREA HARVESTED IND 1986	YIELD 1985	YIELD IND 1986	PRODUCTION 1/ 1984	PRODUCTION 1/ 1985	PRODUCTION 1/ IND 1986
	1,000 ACRES		POUNDS		1,000 BALES 2/		
UPLAND							
ALA	329.0	347.0	795	498	447.0	545.0	360.0
ARIZ	359.0	259.0	1,241	1,279	1,097.0	928.0	690.0
ARK	440.0	440.0	767	655	612.0	703.0	600.0
CALIF	1,320.0	1,010.0	1,132	1,046	2,913.0	3,114.0	2,200.0
FLA 3/	22.5	21.5	693	670	30.0	32.5	30.0
GA	245.0	190.0	725	429	281.0	370.0	170.0
KANS 3/	.6	1.0	320	576	.3	.4	1.2
LA	630.0	570.0	565	589	1,056.0	742.0	700.0
MISS	1,040.0	975.0	764	591	1,650.0	1,655.0	1,200.0
MO	150.0	160.0	653	570	187.0	204.0	190.0
N MEX	54.0	42.0	631	686	87.0	71.0	60.0
N C	87.0	79.0	646	486	120.0	117.0	80.0
OKLA	360.0	350.0	380	357	183.0	285.0	260.0
S C	122.0	113.0	708	319	170.0	180.0	75.0
TENN	335.0	315.0	600	564	337.0	419.0	370.0
TEX	4,650.0	3,700.0	404	350	3,680.0	3,910.0	2,700.0
VA 3/	1.3	1.4	443	411	1.1	1.2	1.2
U S	10,145.4	8,573.9	628	542	12,851.4	13,277.1	9,687.4
AMER-PIMA							
ARIZ	56.3	72.5	927	907	88.1	108.7	137.0
N MEX	7.9	10.0	687	696	12.4	11.3	14.5
TEX	19.4	24.0	868	720	29.9	35.1	36.0
U S	83.6	106.5	891	845	130.4	155.1	187.5
ALL							
ALA	329.0	347.0	795	498	447.0	545.0	360.0
ARIZ	415.3	331.5	1,198	1,197	1,185.1	1,036.7	827.0
ARK	440.0	440.0	767	655	612.0	703.0	600.0
CALIF	1,320.0	1,010.0	1,132	1,046	2,913.0	3,114.0	2,200.0
FLA 3/	22.5	21.5	693	670	30.0	32.5	30.0
GA	245.0	190.0	725	429	281.0	370.0	170.0
KANS 3/	.6	1.0	320	576	.3	.4	1.2
LA	630.0	570.0	565	589	1,056.0	742.0	700.0
MISS	1,040.0	975.0	764	591	1,650.0	1,655.0	1,200.0
MO	150.0	160.0	653	570	187.0	204.0	190.0
N MEX	61.9	52.0	638	688	99.4	82.3	74.5
N C	87.0	79.0	646	486	120.0	117.0	80.0
OKLA	360.0	350.0	380	357	183.0	285.0	260.0
S C	122.0	113.0	708	319	170.0	180.0	75.0
TENN	335.0	315.0	600	564	337.0	419.0	370.0
TEX	4,669.4	3,724.0	406	353	3,709.9	3,945.1	2,736.0
VA 3/	1.3	1.4	443	411	1.1	1.2	1.2
U S	10,229.0	8,680.4	630	546	12,981.8	13,432.2	9,874.9

1/ PRODUCTION GINNED AND TO BE GINNED.
2/ 480-LB. NET WEIGHT BALES.
3/ ESTIMATES FOR CURRENT YEAR CARRIED FORWARD FROM EARLIER FORECAST.

COTTONSEED

STATE	PRODUCTION 1984	PRODUCTION 1985	PRODUCTION IND 1986
	1,000 TONS		
U S	5,149	5,279	3,897

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TOBACCO

STATE	AREA HARVESTED		YIELD		PRODUCTION		
	1985	IND 1986	1985	IND 1986	1984	1985	IND 1986
	ACRES		POUNDS		1,000 POUNDS		
CONN	2,000	1,980	1,658	1,565	2,824	3,315	3,099
FLA	6,100	5,500	2,675	2,430	17,920	16,318	13,365
GA	36,000	33,000	2,280	2,070	85,500	82,080	68,310
IND	6,500	6,100	2,240	2,100	18,792	14,560	12,810
KY	186,300	159,100	2,300	2,025	530,088	428,409	322,178
MD	20,000	18,000	1,330	1,250	30,360	26,600	22,500
MASS	490	480	1,594	1,460	785	781	701
MO 1/	2,500	2,300	2,180	2,150	5,844	5,450	4,945
N C	250,700	218,000	2,220	2,040	590,026	556,522	444,720
OHIO	7,920	7,300	2,140	1,950	26,507	16,946	14,235
PA	11,500	11,000	1,904	1,850	22,370	21,900	20,350
S C	43,000	38,000	2,300	2,050	105,515	98,900	77,900
TENN	61,710	54,000	2,065	1,710	154,646	127,403	92,340
VA	43,300	39,000	2,104	1,920	115,897	91,092	74,880
W VA 1/	1,800	1,800	1,880	1,860	4,488	3,384	3,348
WIS	8,200	6,700	2,141	2,200	16,400	17,560	14,740
U S	688,020	602,260	2,196	1,977	1,727,962	1,511,220	1,190,421

1/ ESTIMATES FOR CURRENT YEAR CARRIED FORWARD FROM EARLIER FORECAST.

SUGARBEETS 1/

STATE	AREA HARVESTED		YIELD		PRODUCTION		
	1985	IND 1986	1985	IND 1986	1984	1985	IND 1986
	1,000 ACRES		TONS		1,000 TONS		
CALIF	203.0	197.0	23.5	25.0	5,088	4,771	4,925
COLO	2.5	36.9	18.5	23.0	964	46	849
IDAHO	152.0	160.0	23.0	25.5	3,312	3,496	4,080
KANS	.0	.0	0.0	0.0	122	0	0
MICH	118.0	100.0	19.7	19.0	2,117	2,325	1,900
MINN	276.0	311.0	18.4	17.0	4,340	5,088	5,287
MONT	42.7	47.2	19.0	21.5	416	811	1,015
NEBR	53.2	59.0	23.1	23.0	1,480	1,229	1,357
N DAK	144.2	162.0	16.8	17.5	2,309	2,423	2,835
OHIO	12.7	15.0	20.3	20.0	201	258	300
OREG	11.8	12.8	27.0	30.0	307	319	384
TEX	37.0	37.0	22.5	23.0	824	833	851
WYO	49.4	50.5	21.0	19.5	654	1,037	985
U S	1,102.5	1,188.4	20.5	20.8	22,134	22,636	24,768

1/ RELATES TO YEAR OF INTENDED HARVEST EXCEPT FOR OVERWINTERED SPRING PLANTED BEETS IN CALIF.

SUGARCANE FOR SUGAR AND SEED

STATE	AREA HARVESTED		YIELD		PRODUCTION		
	1985	IND 1986	1985	IND 1986	1984	1985	IND 1986
	1,000 ACRES		TONS		1,000 TONS		
FLA	398.7	405.0	32.9	33.0	12,617	13,117	13,365
HAW	89.4	90.0	90.9	94.0	8,684	8,129	8,460
LA	230.0	275.0	24.0	27.0	5,060	6,006	7,425
TEX	31.9	31.4	30.1	32.0	979	961	1,005
U S	770.0	801.4	36.6	37.8	27,340	28,213	30,255

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FILBERTS

STATE	PRODUCTION		
	TOTAL		IND
	1984	1985	1986
	TONS		
OREG	13,200	24,300	15,300
WASH 1/	200	300	300
U S	13,400	24,600	15,600

1/ ESTIMATES FOR CURRENT YEAR CARRIED FORWARD FROM EARLIER FORECAST.

PRUNES

STATE	PRODUCTION		
	TOTAL		IND
	1984	1985	1986
	TONS		
CALIF (DRIED BASIS)	148,000	139,000	95,000

PAPAYAS - HAWAII

MONTH	AREA				FRESH PRODUCTION		
	TOTAL IN CROP		HARVESTED		1985	1986	FORECAST
	1985	1986	1985	1986			1986-87
	ACRES				1,000 POUNDS		
SEP	3,555	3,970	2,345	2,380	3,722	3,150	
OCT	3,515	4,050	2,410	2,475	4,594	5,825	
NOV	3,615		2,385		3,383		4,500
DEC	3,690		2,395		3,358		5,800
JAN		3,810		2,435		3,760	5,700
FEB		3,890		2,480		3,830	4,700
CUMULATIVE FRESH PRODUCTION JAN-OCT					42,509	40,880	

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CITRUS FRUIT 1/

CROP AND STATE	PRODUCTION BOXES			PRODUCTION TON EQUIVALENT		
	UTILIZED		INDICATED	UTILIZED		INDICATED
	1984-85	1985-86	1986-87	1984-85	1985-86	1986-87
	1,000 UNITS 2/			1,000 UNITS		
ORANGES, EARLY MID & NAVEL 3/4/						
ARIZ	650	600	700	25	23	26
CALIF	26,200	33,300	40,000	982	1,249	1,500
FLA	55,000	64,200	72,000	2,475	2,889	3,240
TEX 5/	0	200	300	0	9	21
U S	81,850	98,300	113,200	3,482	4,170	4,787
ORANGES, VALENCIA 4/						
ARIZ	1,800	1,700	1,500	68	64	56
CALIF	26,200	21,500	29,000	983	807	1,088
FLA	48,900	54,800	57,000	2,201	2,466	2,565
TEX 5/	0	110	350	0	5	15
U S	76,900	78,110	87,850	3,252	3,342	3,724
ALL ORANGES 4/						
ARIZ	2,450	2,300	2,200	93	87	82
CALIF	52,400	54,800	69,000	1,965	2,056	2,588
FLA	103,900	119,000	129,000	4,676	5,355	5,805
TEX 5/	0	310	850	0	14	36
U S	158,750	176,410	201,050	6,734	7,512	8,511
TEMPLES						
FLA 4/	3,250	2,950	3,600	146	133	162
GRAPEFRUIT, WHITE SEEDLESS						
FLA 4/	24,800	25,600	27,000	1,054	1,088	1,148
GRAPEFRUIT, COLORED SEEDLESS						
FLA 4/	16,300	18,000	19,500	693	765	829
OTHER GRAPEFRUIT						
FLA 4/	2,900	3,150	3,500	123	134	149
ALL GRAPEFRUIT						
ARIZ	3,000	2,400	2,100	96	77	67
CALIF 6/						
DESERT	3,800	3,600	3,800	121	115	122
OTHER AREAS	5,000	4,800		168	161	
TOTAL	8,800	8,400		289	276	
FLA 4/	44,000	46,750	50,000	1,870	1,987	2,126
TEX 5/	0	220	2,100	0	9	84
U S	55,800	57,770		2,255	2,349	
TANGERINES						
ARIZ	700	700	850	26	26	32
CALIF	1,680	1,800	1,900	63	68	71
FLA 4/	1,050	1,150	1,500	50	55	71
U S	3,430	3,650	4,250	139	149	174
LEMONS						
ARIZ	6,000	3,250	5,700	228	123	217
CALIF	19,800	15,100	19,000	752	574	722
U S	25,800	18,350	24,700	980	697	939
TANGELOS						
FLA 4/	3,600	2,950	4,000	162	133	180

1/ THE CROP YEAR BEGINS WITH THE BLOOM OF THE FIRST YEAR SHOWN AND ENDS WITH YEAR HARVEST IS COMPLETED.
2/ NET LBS PER BOX: ORANGES-CALIF & ARIZ-75, FLA-90, TEX-85; GRAPEFRUIT-CALIF DESERT & ARIZ-64, CALIF OTHER-67, FLA-85, TEX-80; LEMONS-76; TANGELOS & TEMPLES-90; TANGERINES-CALIF & ARIZ-75, FLA-95.
3/ NAVEL AND MISCELLANEOUS VARIETIES IN CALIFORNIA AND ARIZONA. EARLY AND MIDSEASON VARIETIES IN FLORIDA AND TEXAS, INCLUDING SMALL QUANTITIES OF TANGERINES IN TEXAS.
4/ ESTIMATES FOR CURRENT YEAR CARRIED FORWARD FROM EARLIER FORECAST.
5/ DUE TO THE SEVERE FREEZE OF DECEMBER 1983, NO COMMERCIAL SUPPLIES WERE HARVESTED FOR THE 1984-85 TEXAS CITRUS CROPS.
6/ THE FIRST FORECAST FOR CALIF GRAPEFRUIT "OTHER AREAS" WILL BE AS OF APR 1.

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PASTURE AND RANGE FEED CONDITION 1/

STATE	AVERAGE 1975-84	1985	1986	STATE	AVERAGE 1975-84	1985	1986
	PERCENT				PERCENT		
ALA	70	80	63	NEV	90	72	72
ARIZ	75	82	87	N H	87	84	94
ARK	68	82	84	N J	76	83	79
CALIF	77	80	88	N MEX	76	94	100
COLO	74	85	78	N Y	84	81	88
CONN	81	96	86	N C	75	80	61
DEL	76	88	57	N DAK	67	68	85
FLA	76	78	75	OHIO	83	74	86
GA	62	75	57	OKLA	65	88	92
IDAHO	87	81	87	OREG	89	78	82
ILL	79	83	85	PA	79	72	75
IND	82	86	87	R I	89	100	102
IOWA	79	84	91	S C	63	73	58
KANS	70	92	90	S DAK	70	55	94
KY	83	92	83	TENN	76	85	81
LA	70	76	83	TEX	62	77	89
MAINE	84	83	94	UTAH	83	90	89
MD	74	81	63	VT	85	85	90
MASS	82	91	89	VA	78	83	63
MICH	84	90	90	WASH	83	69	76
MINN	75	75	85	W VA	77	71	66
MISS	71	89	71	WIS	80	84	77
MO	73	90	91	WYO	84	52	93
MONT	77	54	88				
NEBR	73	81	92	U S	74	79	85

1/ GOOD TO EXCELLENT, 80 AND OVER; POOR TO FAIR 65-79; VERY POOR, 50-64; SEVERE DROUGHT, 35-49; EXTREME DROUGHT, UNDER 35.

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CORN CROPPING PRACTICES

PLANT POPULATION PER ACRE AND ROW WIDTH

The National Agricultural Statistics Service collects objective information on corn development during the production period. Counts and measurements are made by trained enumerators during visits to random plots in a scientific sampling of fields in 10 States which account for approximately 84 percent of the 1986 corn production. Information in the following tables represents sample data and averages from these counts. The data, which are subject to sampling fluctuations, are not official Agricultural Statistics Board estimates but do show trends in corn cropping practices.

In 1986, the plant population showed an increase from 1985 in 8 States and decreased in 2 States. Average row widths tended to decrease in 1986 with 5 States showing decreases, 4 States showing an increase and 1 State unchanged from last year.

CORN FOR GRAIN: PLANT POPULATION PER ACRE,
SELECTED STATES, 1982-86 1/

STATE	1982	1983	1984	1985	1986
	NUMBER OF PLANTS				
ILL	22,200	22,000	21,900	22,200	22,300
IND	21,700	20,900	21,000	21,100	21,500
IOWA	21,100	21,800	21,400	21,700	21,600
MICH	20,700	19,200	20,600	20,900	20,700
MINN	20,700	20,700	21,200	22,000	22,800
MO	16,800	18,200	17,000	17,200	17,500
NEBR	19,400	20,100	20,300	20,700	21,100
OHIO	21,700	20,800	21,500	22,400	22,600
S DAK	14,800	15,000	14,500	15,500	15,800
WIS	20,900	20,300	20,500	21,200	21,700

1/ BASED ON STALK COUNTS IN PLOTS SELECTED FOR OBJECTIVE YIELD SAMPLES.

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CORN FOR GRAIN: PERCENTAGE DISTRIBUTION BY ROW WIDTH AND AVERAGE ROW WIDTH FOR SELECTED STATES, 1984-86

STATE AND YEAR	NUMBER OF SAMPLES	ROW WIDTH (INCHES) 1/ 30.5 OR LESS	30.6-32.5	32.6-34.5	34.6-36.5	36.6-38.5	38.6-40.5	40.6 & GREATER	AVERAGE ROW WIDTH
	NUMBER	PERCENT OF SAMPLES							
ILL 1984	229	39.7	13.1	1.3	14.9	23.6	7.4	0	33.6
1985	227	44.1	13.2	1.3	18.1	19.4	3.5	.4	33.1
1986	233	48.5	10.3	1.3	15.0	21.5	3.0	.4	32.9
IND 1984	167	46.7	18.5	0	12.6	18.6	3.0	.6	32.7
1985	167	48.5	13.7	4.2	13.8	15.0	4.8	0	32.6
1986	167	52.1	16.7	1.2	9.6	16.2	4.2	0	32.4
IA 1984	195	37.5	9.2	1.0	8.7	32.8	10.3	.5	34.1
1985	209	35.9	13.9	.5	10.0	29.2	9.1	1.4	33.9
1986	211	36.5	12.3	1.4	7.6	26.5	15.2	.5	34.1
MICH 1984	87	47.1	21.8	2.3	4.6	16.1	3.5	4.6	32.5
1985	89	47.2	18.0	3.3	4.5	13.5	10.1	3.4	32.7
1986	88	54.5	19.3	3.4	5.7	12.5	4.6	0	32.0
MINN 1984	171	36.8	10.5	1.2	14.0	21.1	14.6	1.8	34.0
1985	168	42.3	15.4	1.2	12.5	25.0	2.4	1.2	33.1
1986	164	50.6	11.0	.6	9.8	24.4	3.6	0	32.8
MO 1984	122	28.7	14.7	.8	13.9	27.1	11.5	3.3	34.5
1985	129	38.0	19.4	3.1	11.6	18.6	9.3	0	33.2
1986	127	32.3	19.7	1.6	10.2	25.2	11.0	0	33.8
NEBR 1984	195	28.2	9.8	.5	29.2	23.6	8.2	.5	34.4
1985	195	30.8	13.3	1.5	21.6	23.1	9.2	.5	34.1
1986	191	31.9	13.1	0	22.0	23.6	8.4	1.0	34.1
OHIO 1984	156	48.7	18.6	1.9	9.6	16.7	4.5	0	32.3
1985	157	56.1	15.9	1.9	7.0	10.2	8.3	.6	32.2
1986	159	49.7	18.2	5.7	6.3	16.4	3.1	.6	32.3
S DAK 1984	92	5.4	10.9	0	7.6	43.5	28.3	4.3	37.0
1985	97	13.4	5.2	1.0	7.2	42.3	26.8	4.1	36.7
1986	112	15.2	5.4	.9	6.2	41.1	28.5	2.7	36.5
WIS 1984	125	16.0	8.8	2.4	16.8	31.2	20.0	4.8	35.9
1985	130	18.5	7.7	4.6	11.5	34.6	21.6	1.5	35.7
1986	134	12.7	9.0	5.2	16.4	32.1	22.4	2.2	35.9

1/ SPACINGS BASED ON ROW MEASUREMENTS IN SAMPLE PLOTS SELECTED FOR OBJECTIVE YIELD DETERMINATIONS.

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SOYBEANS: ROW SPACING--1986

The National Agricultural Statistics Service conducted soybean objective yield surveys in 15 States which accounted for about 89 percent of the 1986 U.S. soybean production. Plots were randomly selected from a scientifically drawn sample of soybean fields, which were visited monthly from about August 1 through harvest, to obtain specific counts and measurements.

Sample data and the derived percentages from the surveys presented in the following table are not official estimates of the Agricultural Statistics Board but are intended to show trends in soybean production practices.

In the 11 States where comparable row space measurements are available, 5 decreased and 6 increased from last year. Ohio continues to have the narrowest row space measurements because a high percentage of the acreage is drill planted. Louisiana row spacing was the widest followed by Iowa and Arkansas.

MEASURED ROW SPACING OF SOYBEANS: PERCENTAGES DISTRIBUTION AND AVERAGE WIDTH FOR SELECTED STATES, 1984-86 1/

STATE AND YEAR	NUMBER OF SAMPLES	ROW WIDTH GROUPS (INCHES)					AVERAGE WIDTH 2/ (INCHES)
		10.0 & LESS 2/	10.1-18.5	18.6-28.5	28.6-34.5	34.6 & GREATER	
		PERCENT OF PLOTS					
ARK 1984	141	8.9	3.2	15.2	20.9	51.8	32.9
1985	139	8.3	2.2	17.3	28.8	43.5	32.4
1986	132	11.7	3.4	13.3	29.2	42.4	31.0
ILL 1984	167	16.8	6.6	3.3	50.6	22.8	27.0
1985	173	19.7	5.2	3.8	47.4	24.0	26.7
1986	174	16.7	4.3	4.3	53.2	21.5	27.4
IND 1984	112	15.2	6.3	6.3	53.1	19.2	28.5
1985	106	7.1	9.0	2.8	59.9	21.2	29.1
1986	105	13.8	9.6	4.8	55.5	16.3	26.7
IOWA 1984	139	6.1	3.6	7.2	44.6	38.5	31.2
1985	147	4.8	5.8	4.4	51.0	34.0	30.5
1986	147	5.1	2.4	7.9	49.5	35.1	31.3
KY 1984	NA	NA	NA	NA	NA	NA	NA
1985	79	11.4	18.4	22.2	36.7	11.4	26.1
1986	89	16.4	11.9	12.4	47.4	11.9	27.0
LA 1984	103	19.9	.5	15.0	21.8	42.7	33.8
1985	98	18.9	6.6	6.6	31.6	36.2	31.7
1986	91	18.7	1.7	8.8	26.3	44.5	33.5
MINN 1984	105	21.0	5.7	14.3	36.2	22.9	26.2
1985	104	19.2	7.7	8.2	48.1	16.8	25.8
1986	95	11.6	2.1	10.6	59.3	16.4	28.1
MISS 1984	108	18.5	6.0	12.5	23.1	39.8	29.1
1985	112	15.6	8.9	12.1	24.6	38.8	29.1
1986	107	13.5	9.4	14.0	19.6	43.5	28.7
MO 1984	155	28.7	5.5	6.5	41.6	17.7	25.0
1985	144	25.7	4.5	5.2	47.2	17.4	25.7
1986	140	15.4	2.9	6.1	54.5	21.1	27.6
OHIO 1984	115	36.5	14.8	8.3	32.6	7.8	20.3
1985	109	33.5	14.7	3.2	40.4	8.3	21.3
1986	111	41.4	10.8	8.1	33.8	5.9	19.5
TENN 1984	85	10.0	6.5	15.9	13.5	54.1	31.8
1985	85	15.3	6.5	8.8	21.8	47.6	31.6
1986	78	12.8	8.3	18.6	18.0	42.3	29.4

NA = NOT AVAILABLE. 1/ BASED ON ROW MEASUREMENTS IN PLOTS SELECTED FOR OBJECTIVE YIELD SAMPLES. 2/ BROADCAST SOYBEANS INCLUDED AS 10.0 INCHES AND LESS BUT EXCLUDED IN COMPUTATION OF AVERAGE WIDTH.

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POTATOES: VARIETIES GROWN - 1986

The National Agricultural Statistics Service conducts potato objective yield surveys in 11 major fall producing States. These 11 States accounted for 93 percent of the 1985 U.S. fall potato production. All producing areas of each State are represented in the sample in proportion to planted acreage of potatoes. Variety information in the table below is derived from data reported for farms in the objective yield sample. These data are intended to provide current information on varieties and are not designated as official estimates of the Agricultural Statistics Board.

FALL POTATOES: PERCENT OF MAJOR VARIETIES PLANTED, SELECTED STATES, 1986 CROP

STATE	FIRST		SECOND	
	VARIETY	PERCENT	VARIETY	PERCENT
COLO	CENTENNIAL RUSSET	66.0	RUSSET BURBANK	23.7
IDAHO	RUSSET BURBANK	94.3	NORGOLD	2.1
MAINE	RUSSET BURBANK	27.6	ONTARIO	17.8
MICH	RUSSET BURBANK	32.1	ATLANTIC	16.3
MINN	RUSSET BURBANK	31.4	NORCHIP	24.1
N Y	SUPERIOR	26.0	KATAHDIN	19.4
N DAK	NORCHIP	47.3	RUSSET BURBANK	17.3
OREG	RUSSET BURBANK	84.2	NORGOLD	6.6
PA	KATAHDIN	24.5	NORCHIP	22.5
WASH	RUSSET BURBANK	79.1	NORGOLD	6.7
WIS	RUSSET BURBANK	47.4	NORLAND	10.9
	THIRD		FOURTH	
	VARIETY	PERCENT	VARIETY	PERCENT
COLO	SANGRE	7.2	RED MCCLURE	1.0
IDAHO				
MAINE	SHEPODY	13.8	SUPERIOR	13.6
MICH	ONTARIO	8.4	ONOWAY	7.1
MINN	PONTIAC	11.1	NORLAND	8.9
N Y	MONONA	16.4	HUDSON	6.7
N DAK	NORLAND	11.0	PONTIAC	7.3
OREG	EARLY GEM	6.1	SHEPODY	1.2
PA	ATLANTIC	15.2	SUPERIOR	9.3
WASH	LEMHI RUSSET	4.1	NORCHIP	3.4
WIS	NORGOLD	9.6	SUPERIOR	9.2

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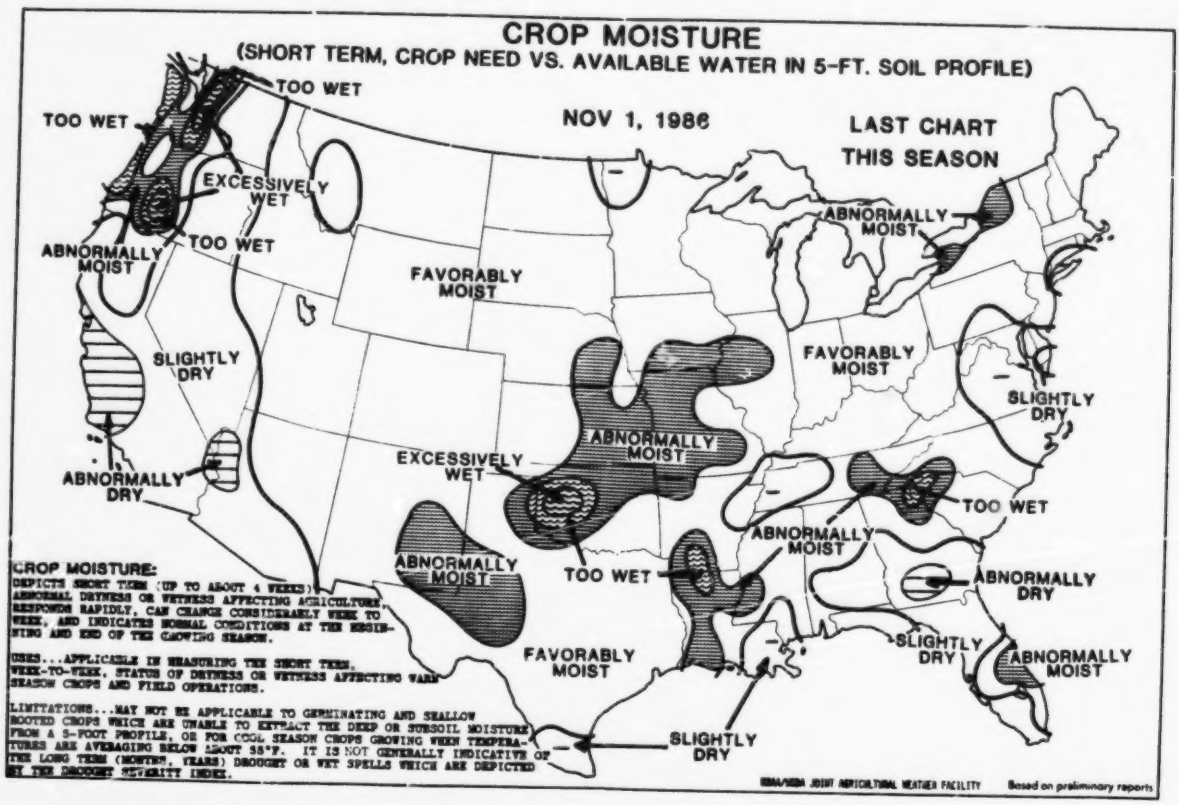
CROP MOISTURE
(SHORT TERM, CROP NEED VS. AVAILABLE WATER IN 5-FT. SOIL PROFILE)
NOV 1, 1986
LAST CHART THIS SEASON
TOO WET
TOO WET
EXCESSIVELY WET
TOO WET
ABNORMALLY MOIST
FAVORABLY MOIST
SLIGHTLY DRY
ABNORMALLY DRY
EXCESSIVELY WET
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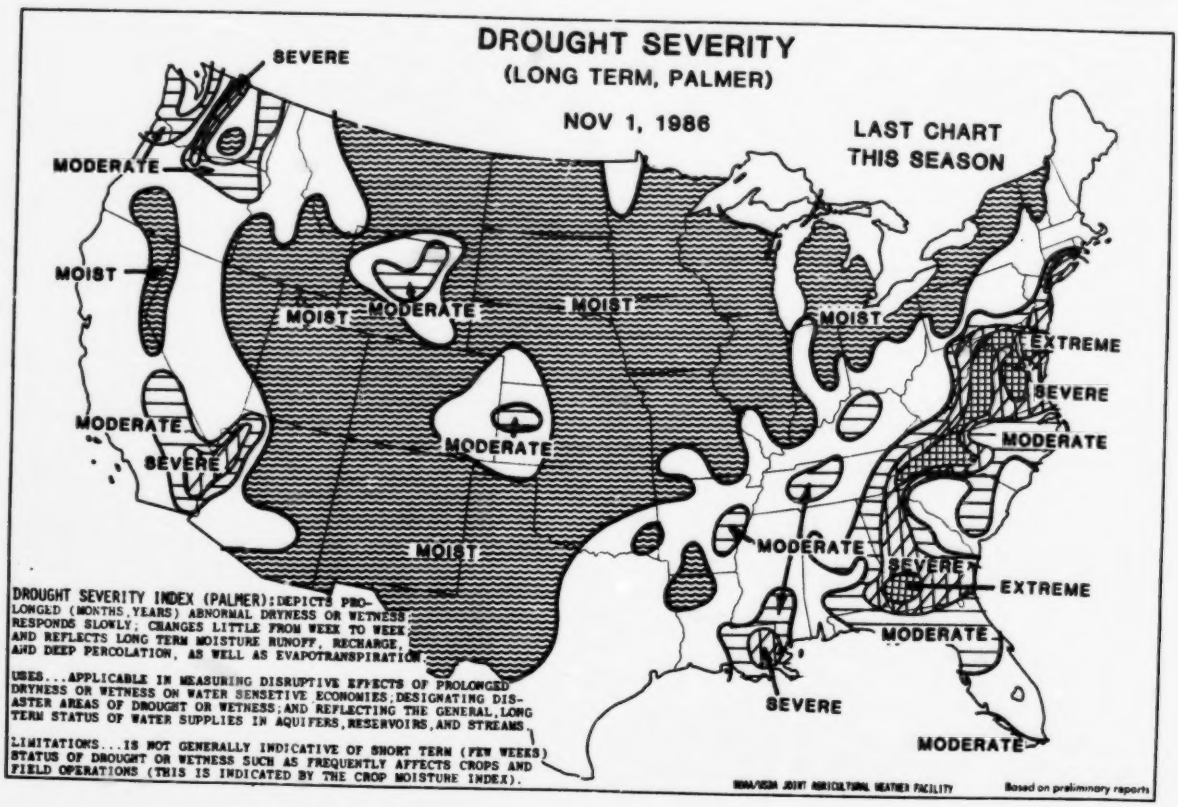
ABNORMALLY MOIST
TOO WET
FAVORABLY MOIST
ABNORMALLY MOIST
FAVORABLY MOIST
SLIGHTLY DRY
TOO WET
ABNORMALLY MOIST
ABNORMALLY DRY
TOO WET
SLIGHTLY DRY
ABNORMALLY MOIST
SLIGHTLY DRY
CROP MOISTURE:
DEPICTS SHORT TERM (UP TO ABOUT 4 WEEKS) ABNORMAL DRYNESS OR WETNESS AFFECTING AGRICULTURE. RESPONDS RAPIDLY, CAN CHANGE CONSIDERABLY WEEK TO WEEK, AND INDICATES NORMAL CONDITIONS AT THE BEGINNING AND END OF THE GROWING SEASON.
USES...APPLICABLE IN MEASURING THE SHORT TERM, WEEK-TO-WEEK, STATUS OF DRYNESS OR WETNESS AFFECTING WARM SEASON CROPS AND FIELD OPERATIONS.
LIMITATIONS...MAY NOT BE APPLICABLE TO GERMINATING AND SHALLOW ROOTED CROPS WHICH ARE UNABLE TO EXTRACT THE DEEP OR SUBSOIL MOISTURE FROM A 5-FOOT PROFILE, OR FOR COOL SEASON CROPS GROWING WHEN TEMPERATURES ARE AVERAGING BELOW ABOUT 55°F. IT IS NOT GENERALLY INDICATIVE OF THE LONG TERM (MONTHS, YEARS) DROUGHT OR WET SPELLS WHICH ARE DEPICTED BY THE DROUGHT SEVERITY INDEX.
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports


DROUGHT SEVERITY
(LONG TERM, PALMER)
NOV 1, 1986
LAST CHART THIS SEASON
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DROUGHT SEVERITY INDEX (PALMER): DEPICTS PROLONGED (MONTHS, YEARS) ABNORMAL DRYNESS OR WETNESS. RESPONDS SLOWLY; CHANGES LITTLE FROM WEEK TO WEEK; AND REFLECTS LONG TERM MOISTURE RUNOFF, RECHARGE, AND DEEP PERCOLATION, AS WELL AS EVAPOTRANSPIRATION.
USES...APPLICABLE IN MEASURING DISRUPTIVE EFFECTS OF PROLONGED DRYNESS OR WETNESS ON WATER SENSETIVE ECONOMIES; DESIGNATING DISASTER AREAS OF DROUGHT OR WETNESS; AND REFLECTING THE GENERAL, LONG TERM STATUS OF WATER SUPPLIES IN AQUIFERS, RESERVOIRS, AND STREAMS.
LIMITATIONS...IS NOT GENERALLY INDICATIVE OF SHORT TERM (FEW WEEKS) STATUS OF DROUGHT OR WETNESS SUCH AS FREQUENTLY AFFECTS CROPS AND FIELD OPERATIONS (THIS IS INDICATED BY THE CROP MOISTURE INDEX).
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports

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OCTOBER WEATHER SUMMARY

As the month began, thunderstorms triggered torrential rain from north central Texas through Oklahoma to west central Missouri. The storms caused extensive widespread flooding that halted fieldwork. Subsequent thunderstorms kept the ground wet until the last week of the month, when some fieldwork resumed. Monthly rainfall totals were in excess of 10 inches through much of this area. It was also excessively wet from Nebraska into Iowa and from southern Illinois to Ohio. Thunderstorms brought welcome rain to much of the drought area in the Southeast but most of the dry areas in the mid-Atlantic States remained dry. The rainy season had begun in the Northwest but rain amounts were far less than normal. Although there were some very cold mornings in the northern Plains and Great Lakes Region, and some hot days in the Southeast, average temperatures were near normal for the month. (Prepared by the Joint USDA/NOAA Agricultural Weather Facility.)

WINTER WHEAT SEEDING

Heavy rain and wetness restricted winter wheat seeding in the Corn Belt and southern Great Plains during most of October. Early to mid-month rain hampered seeding in the central Great Plains. Dryness caused some seeding delays in the Southeast. Seeding surged in the Corn Belt the last 7 to 10 days of the month but for the most part seeding was still behind normal as the month closed. In the 20 major producing States, planting was 84 percent finished by November 2 compared with 82 percent last year and the 87 percent average. Seventy-seven percent of the acreage was emerged, 1 point ahead of normal. Winter wheat was mostly good except in the Southeast and in Michigan where condition was fair. Ample moisture provided good growth and germination in the Great Plains and Delta.

In Kansas, seeding at 90 percent completion was 5 points behind normal. Planting was 75 percent finished in Oklahoma, trailing the normal pace by 10 points. Seeding was 1, 2, 12, 19, and 30 points behind normal in Illinois, Indiana, Ohio, Missouri, and Michigan, respectively. Ninety-two percent of Montana's acreage was seeded, 5 points below the 97 percent average. Seeding was complete in Nebraska, New Mexico, South Dakota, and Washington and neared completion in Colorado and Idaho, at months' end. In Texas, winter wheat was 88 percent seeded compared with 79 percent average. Rust and greenbugs invaded many fields near the end of October.

CORN FOR GRAIN: Production of corn for grain is forecast at 8.22 billion bushels (209 million metric tons), down 7 percent from last year's record high crop but virtually the same as the October 1 forecast.

The U.S. average yield per acre is forecast at a record high 119.3 bushels, up 0.1 of a bushel from the October 1 forecast. The previous record yield was 118.0 bushels set in 1985. Of the top 10 producing States, 8 are equaling or setting new record yields.

The wet weather in late September and early October delayed harvest but since then the weather has been fairly good and by November 2, 63 percent of the crop had been harvested in the 17 major producing States. This compares with 57 percent last year and 66 percent average. The wet weather has caused some problems with sprouting and mold. Some fields are still very wet and dry weather is needed to enable the farmers to get the heavy harvesting equipment into the fields. Iowa, Michigan, and Missouri appear to be most affected by the wet fields. In many areas the moisture content of the corn is quite high so growers are reluctant to harvest until the corn has dried some. Otherwise, they would be faced with the high cost of drying the corn.

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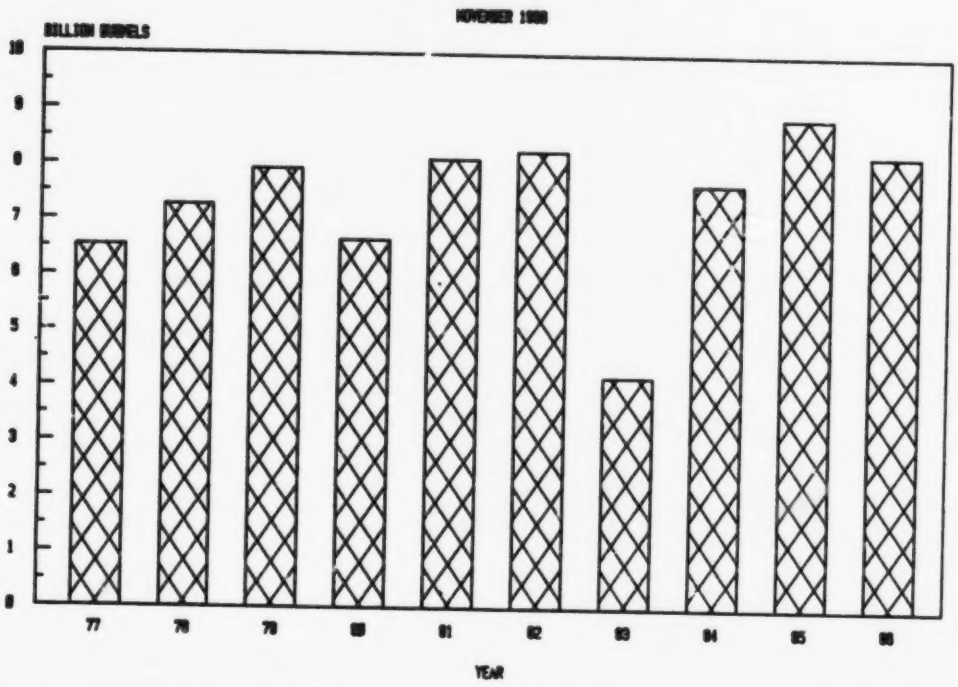
U.S. CORN PRODUCTION



SORGHUM FOR GRAIN: Production is forecast at 900 million bushels (22.9 million metric tons). This is 19 percent less than the 1985 crop but 1 percent more than the October 1 forecast. Area for harvest is 13.5 million acres (5.46 million hectares), down 19 percent from last year. Yields are expected to average 66.7 bushels per acre, equaling the record high set in 1985.

As of November 2, harvest had progressed to 70 percent completion in the major producing States. This trails last year's and average progress by 3 and 4 points, respectively. Harvest was complete in Arkansas, Louisiana, and Mississippi. Heavy rains, flooding, and cool temperatures affected harvest progress in several States. The Kansas harvest is back on schedule, with good yields reported. Oklahoma's progress is well behind schedule; crop is in good condition in the Panhandle. South Dakota's crop is 50 percent harvested; the remainder is in fair to good condition. Some harvest progress was made in the Texas High Plain's late in October. Some areas affected by the mid-month freeze report light test weights.

RICE: Rice production is forecast at 131 million hundredweight (5.95 million metric tons), up 1 percent from the October 1 forecast but 4 percent below the 136 million hundredweight (6.17 million metric tons) produced in 1985. Harvested area, at 2.33 million acres (944 thousand hectares), is unchanged from October 1, but is 7 percent below 1985. Yield is estimated at a record high 5626 pounds per acre. This is 74 pounds above the October 1 estimate and 189 pounds greater than the previous record yield set in 1985. Yield per acre was up 100 pounds in Arkansas and 300 pounds in Texas from October 1, but down 100 pounds in Mississippi.

Harvest advanced rapidly and was nearly finished in the Delta, by mid-October. In California, rice harvest neared completion at the end of October. Second-crop rice harvest was underway in Texas and Louisiana.

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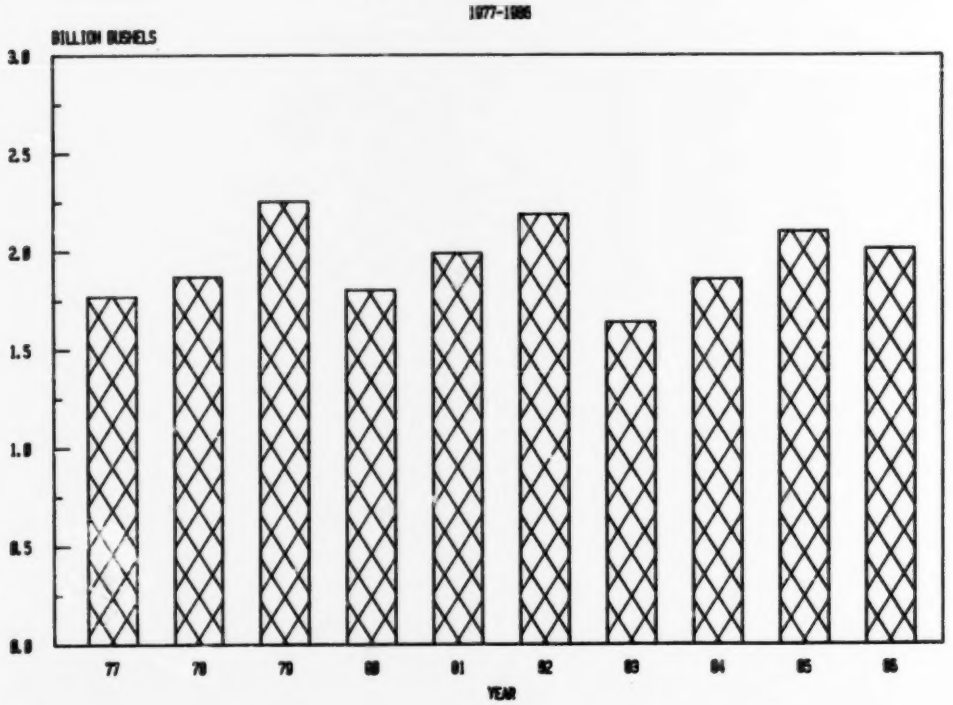
PEANUTS: Production is forecast at 3.45 billion pounds (1.56 million metric tons), 16 percent below 1985 production but up 2 percent from the October 1 forecast. Area for harvest totals 1.52 million acres (616 thousand hectares), up 4 percent from last year and virtually unchanged from the October 1 forecast. Yield is expected to average 2267 pounds per acre, down 543 pounds from last year but up 51 pounds from October 1.

Production in the Southeast (Alabama, Florida, Georgia, and South Carolina) is expected to total 2.08 billion pounds, down 25 percent from last year and unchanged from the October 1 forecast. Harvesting of the crop in the 4-State region remains well behind normal. In Alabama, only 73 percent of the crop has been threshed, compared with a 5-year average of 100 percent. Harvesting continued very active during the month in Florida, with harvest being 3 to 4 weeks later than normal. In Georgia, only 78 percent of the crop had been threshed compared with an average of 96 percent. South Carolina harvest was 67 percent complete compared with 88 percent at this time last year and a 5-year average of 93 percent.

The Virginia-North Carolina crop is expected to reach 709 million pounds, 4 percent below the 1985 crop but 6 percent above the October 1 forecast. Area for harvest increased 1,000 acres in Virginia from October 1, giving a 2-State total of 231 thousand acres. Favorable weather during the month in both States allowed growers to complete harvest in Virginia and to be ahead of last year in North Carolina.

Growers in the Southwest (New Mexico, Oklahoma, and Texas) expect to harvest 657 million pounds, up 5 percent from last year and 7 percent above the October 1 forecast. Despite the wet weather in Oklahoma and Texas, growers are still expecting above average yields. Harvest was delayed by rains but was still ahead of normal in both States.

U.S. SOYBEAN PRODUCTION



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SOYBEANS: Production is forecast at 2.01 billion bushels (54.7 million metric tons), up 1 percent from October 1 but 4 percent below last year. Yield, at 33.8 bushels per acre, is up 0.5 of a bushel from October 1. If realized, this will be the second highest yield of record, slightly behind last year's 34.1 bushels per acre.

Yield increases from October 1 were recorded in 7 States. Alabama, Iowa, and Nebraska recorded yield increases of 2 bushels per acre while Arkansas, Kansas, Ohio, and Tennessee yields rose 1 bushel. Indiana's yield declined 1 bushel while Louisiana's yield was 2 bushels lower than the October 1 forecast.

Flooding reduced the harvested area in 3 States (Arkansas, Missouri, and Michigan) 260 thousand acres from the October 1 forecast. Missouri lost 200 thousand acres and Arkansas lost 50 thousand acres from the late September and early October rains. Michigan reduced its harvested area 10 thousand acres because of wet conditions in low lying fields.

Quality of the crop remains generally good despite excessive moisture problems. Some areas have reported problems with mold, discoloration, rot, sprouting, and lodging but the overall condition remains fair to good.

As of November 2, 68 percent of the crop was harvested, 4 points better than last year and the same as the 5-year average. The western soybean production area generally lagged behind normal harvest progress because of persistent wet conditions. Kansas was 20 points behind the average, Missouri 14 points behind, and South Dakota, Iowa, and Nebraska were 8, 7, and 5 points behind the average, respectively. With only 35 percent harvested--half of what is normally harvested by this time--Michigan has had the most difficult time harvesting their crop.

COTTON: All cotton production is forecast at 9.87 million bales, a decline of 1 percent from October 1 and 26 percent below the 1985 crop. The Upland production forecast is 9.69 million bales and American Pima production is expected to total 188 thousand bales. Total area for harvest for all cotton is estimated at 8.68 million acres (3.51 million hectares), down 15 percent from last year. Yields are expected to average 546 pounds per harvested acre, down 84 pounds per acre from 1985.

In Texas and Oklahoma, Upland production is forecast at 2.96 million bales, down 29 percent from last year and 7 percent below the October 1 forecast. Heavy rains continue to delay harvest, with some reduction in quality of the crop. Area for harvest in Texas has been reduced 200 thousand acres since October 1 due primarily to excessive water damage.

Producers in the Delta States (Arkansas, Louisiana, Mississippi, Missouri, and Tennessee) expect to harvest 3.06 million bales, 18 percent below last year but 3 percent above the October 1 forecast. Harvest was nearing completion in some areas and is well ahead of last year.

Cotton production in the Western States (Arizona, California, and New Mexico) is expected to total 2.95 million bales of Upland cotton, down 28 percent from last year and virtually unchanged from October 1. Boll rot and pest problems have held yields below last year.

Producers in the Southeastern States (Alabama, Georgia, North Carolina, and South Carolina), expect to harvest 685 thousand bales, down 43 percent from last year's production but up 1 percent from October 1. Harvest has been behind last year in South Carolina and Georgia, but ahead in Alabama and North Carolina.

Bureau of the Census reports 5,290,662 running bales ginned prior to November 1 compared with 6,245,836 to the same date last year and 4,320,592 bales in 1984.

COTTONSEED: Production of cottonseed for 1986, based on a three year average lint-seed ratio, is forecast at 3.90 million tons (3.54 million metric tons), 26 percent below the 1985 production of 5.28 million tons (4.79 million metric tons).

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DRY BEANS: The 1986 dry bean crop is forecast at 22.7 million cwt (1.03 million metric tons), up 2 percent from last year and 8 percent above two years ago. Area for harvest is set at 1.47 million acres (595 thousand hectares), down 1 percent from last year but up 1 percent from 1984. The average yield is forecast at 1543 pounds per acre, up 45 pounds from last year and 100 pounds from 1984.

Harvest in Michigan has been very difficult because of heavy rains in September and early October. As of November 1, threshing was about three-fourths complete. Favorable weather during the last 3 weeks of October helped dry up fields that were thought to be lost.

Nebraska, North Dakota, and Minnesota are expecting bumper crops, with harvest virtually complete. Harvest in Colorado's dryland area has been rain-delayed; while other areas are finished. California harvest is active, but winding down.

POTATOES: Fall potato production is forecast at 308 million cwt (14.0 million metric tons), off 13 percent from last year's record high production and 2 percent below 1984. Area for harvest is set at 1.03 million acres (416 thousand hectares), down 1 percent from the July 1 estimate and 10 percent from last year. The average yield is 299 cwt per acre, down 9 cwt from last year but up 13 cwt from two years ago.

EASTERN STATES production is forecast at 35.8 million cwt, down 22 percent from last year and 7 percent from 1984. Harvested area, at 143 thousand acres, is down 14 percent and yields averaging 250 cwt per acre fell 9 percent. All of the 7 eastern States came out with smaller crops than last year; Maine's production was down 26 percent, New York--20 percent, and Pennsylvania--10 percent. New York and New England harvest was delayed by rain and frost hit northern fields.

The eight CENTRAL STATES are expected to produce 72.8 million cwt of potatoes this year, down 10 percent from last year and 4 percent below 2 years ago. Northern States were hit hard by rain in September, delaying harvest considerably. Some acreage was drowned in Michigan and North Dakota.

The nine WESTERN STATES should produce 199 million cwt of potatoes this year, down 12 percent from last year, but production is about equal to two years ago. Idaho's production is down 15 percent from last year, but potatoes went into storage in good condition. Washington harvest was virtually finished by the end of October, sizes are down a little. Oregon's Malheur County lost some yield potential because of hot, summer weather, but quality is good statewide. Rain and some snow in Colorado delayed the wind-up of harvest, but most potatoes went into storage in excellent shape.

ALL POTATO production for 1986 is forecast at 352 million cwt (16.0 million metric tons), down 13 percent from last year and 3 percent below two years ago. Area for harvest, at 1.22 million acres (492 thousand hectares), dropped 11 percent from last year; the average yield of 290 cwt per acre was down 3 percent.

TOBACCO: Production of all tobacco is forecast at 1.19 billion pounds (540 thousand metric tons), off 2 percent from the October 1 forecast, 21 percent below last year's output, and the smallest crop since 1936. The decline in production from 1985 is the combined result of decreased acreage and lower yields. The 602 thousand acres (244 thousand hectares) expected to be harvested are down 12 percent. The yield forecast of 1977 pounds per acre compares with 2196 pounds the previous year.

In North Carolina, flue-cured markets in the Border and Eastern belts are closed for the season. Old and Middle belt markets will be closing soon. Quality was down a little from last year due to drought. Stabilization corporation receipts were much lower.

In Kentucky, stripping is nearly one-third complete. This is behind last year but ahead of average. Quality is variable, but is mostly good.

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Tennessee burley was 40 percent stripped on November 2, down 5 percent from both a year ago and the 5-year average. Sales are scheduled to begin November 24.

The final South Carolina auction market closed October 16. Average grade prices were lower this year reflecting lower support prices but grower assessment was only 2 1/2 cents per pound compared with 25 cents in 1985.

SUGARBEETS: Production of sugarbeets is forecast at 24.8 million tons (22.5 million metric tons), a decrease of 1 percent from the October 1 estimate but an increase of 9 percent from 1985. This year's larger crop is mainly the result of increased acreage, though yields are also up from 1985. Harvested area is expected to total 1.19 million acres (481 thousand hectares), 8 percent more than in 1985. An average yield of 20.8 tons per acre is expected compared with 20.5 tons a year ago.

In the Red River Valley of North Dakota and Minnesota, harvest was completed in record time, with excellent harvest weather.

Harvest continues in California with mild, open weather.

Idaho harvest is ahead of normal and nearly complete. Good yields were reported in most areas with no major disease or weather problems.

Michigan harvest was about two-thirds complete on November 1. A total of 25.0 thousand additional acres have been abandoned since October 1 due to rotting, induced by September floods. Sucrose content has been slightly below normal.

Nebraska sugarbeet harvest is nearly complete. Yields and sugar content are both above average.

In Montana, a mild and dry October enhanced yield and sugar content. Harvest was virtually complete by month's end.

SUGARCANE: Production of sugarcane for seed and sugar is forecast at 30.3 million tons (27.4 million metric tons), unchanged from the October 1 forecast but 7 percent above last year. The increase from a year ago reflects both increased acreage and higher yields. Area for harvest, at 801 thousand acres (324 thousand hectares), is up 4 percent from 1985. The average expected yield of 37.8 tons per acre compares with 36.6 tons in 1985.

In Florida, cutting began about the first of November. It is expected to be in full swing by mid-month.

In Hawaii, heavy rain early in October helped replenish reservoirs. Sunny, humid weather in mid-month accelerated crop development.

Louisiana harvest was 29 percent complete as of November 2. This compares with 16 percent a year ago and the average of 23 percent.

Harvest began in the Rio Grande Valley of Texas about mid-October. Early yields and quality look good.

PAPAYAS: Hawaii fresh papaya production is forecast at 4.50 million pounds (2040 metric tons) in November. Increases to 5.80 and 5.70 million pounds (2630 and 2590 metric tons) are anticipated for December and January, respectively. February's output at 4.70 million pounds (2130 metric tons), is expected to drop 18 percent from January's production.

Fresh utilization during October is estimated at 5.83 million pounds (2640 metric tons), 85 percent more than September and 27 percent more than October last year. Total crop area for October of 4050 acres (1640 hectares) increased 2 percent from September and is 15 percent above October last year. Area harvested for October increased 4 percent from September to 2475 acres (1000 hectares), 3 percent more than October last year.

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PASTURE AND RANGE FEED CONDITION: The pasture and range feed condition on November 1 for the 48 contiguous States was 85 percent, 6 points above November 1, 1985 and 11 points above the 1975-84 average for the date. Conditions improved during October in 24 States, declined in 14 States and were unchanged in 10 States.

In the eastern and southern States from Delaware to Alabama, the pasture conditions are in the very poor range. All of the remaining States are in either the "poor to fair" or "good to excellent" range, with the majority in the "good to excellent" range. Rain was received in many areas throughout the country during the month and was beneficial for the pastures and ranges. Overall, the pastures and ranges are going into the winter in very good condition.

PRUNES: California's prune production (dried basis) is forecast at 95.0 thousand tons (86.2 thousand metric tons), unchanged from the October 1 forecast but 32 percent less than the 1985 crop. Harvest is complete, with fruit being of excellent quality and high sugar content.

FILBERTS: The forecast of production in Oregon and Washington is 15.6 thousand tons (14.2 thousand metric tons), 10 percent less than the October 1 forecast and 37 percent below the record high crop harvested last year.

Harvest was virtually complete as of November 1. Crop yields were lower than anticipated earlier this year. Mold problems were common in many areas, as well as a higher percentage of worm problems and blanks. Some industry contacts indicate growers may have left as much as 10 percent of the crop in the orchard due to quality and harvest problems. Although kernel sizes are reportedly larger, the volume of jumbo nuts is less than normal.

GRAPEFRUIT: Prospects for the 1986-87 season, excluding California's "Other Areas" grapefruit, indicate a crop of 58.0 million boxes (2.18 million metric tons), 9 percent more than last season and 14 percent above the 1984-85 utilized crop. The California "Other Areas" grapefruit production which will be forecast as of April 1, 1987, accounted for 4.80 million boxes, harvested last season and 5.00 million boxes in 1984-85.

The Texas crop is forecast at 2.10 million boxes compared with 220 thousand boxes harvested last season. The Arizona crop forecast is 2.10 million boxes, down 12 percent from last season and 30 percent below 1984-85 utilized production.

No forecast is made on November 1 for the Florida grapefruit crop; however, the October 1 estimate of 50.0 million boxes is carried forward in this report.

LEMONS: The Arizona-California lemon crop (tree crop available for harvest) totals 24.7 million boxes (852 thousand metric tons), 35 percent more than the crop harvested during the 1985-86 season but 4 percent below the 1984-85 utilized production. In California, the crop is expected to total 19.0 million boxes, unchanged from October 1, 26 percent higher than last season but 4 percent below 1984-85.

In Arizona, a tree crop of 5.70 million boxes is expected, 75 percent higher than the crop utilized last season but 5 percent lower than utilized production in 1984-85.

TANGERINES: The U.S. tangerine crop forecast is 4.25 million boxes (158 thousand metric tons), 16 percent more than last season and 24 percent more than 1984-85. The California crop is forecast at 1.90 million boxes and the Arizona crop forecast totals 850 thousand boxes. No forecast is made on November 1 for the Florida tangerine crop. The October 1 estimate of 1.50 million boxes is carried forward in this report.

FLORIDA CITRUS: Florida's citrus belt was hot and dry during most of October. Through the last week of the month there was extensive irrigating to help prevent leaf wilt and fruit softening. There was widespread rain and thundershowers on October 27th through the 30th, which greatly helped to improve surface moisture conditions. There was very little new foliage growth this month due to the generally dry conditions. Harvest of white and colored grapefruit accelerated through all of October. Also, there were increasing quantities of Robinson tangerines, Nova tangelos, Hamlin oranges, Navel oranges, and K-early citrus fruit. Caretakers have been very active during October clean cultivating for the winter season. There have been some spot sprays for rust mites, where the fruit is destined for fresh usage.

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